

**ADDENDUM TO FACT SHEET**  
**Permit No. WA-000323-9**  
**Paramount Petroleum Corporation**

This is an addendum to the fact sheet accompanying NPDES Permit No. WA-000323-9, which was issued to Paramount Petroleum Corporation on June 30, 2003. The following revision is proposed to be made as requested from the facility.

**MODIFICATION FOR THE PERMIT**

On page 5 of the permit, Special Condition S1.A, Discharge Limitation: The flow limit is proposed to change from 34,000 gpd to 0.94 MGD (650 gpm). The flow limit in the existing permit applies to the discharge of process wastewater only. Given the existing infrastructure and large area occupied by the facility, separating stormwater flows from process water flows is not feasible at the site. In addition, storm water collected on-site may be slightly contaminated with petroleum products in the soils resulting from historical practices. The site is currently engaged in a groundwater remediation cleanup (pump and treat operation) to address groundwater contamination. The facility has evaluated the hydraulic capacity and treatment efficiency of the existing treatment system [API and CPI oil water separators, modulation tank 51, and an induced air flotation unit, (also known as Quadricell)] at a flow rate of 650 gpm. The outfall line has also been evaluated to ensure its hydraulic capacity at the proposed flow rate.

In addition, the 1995 Mixing Study was reevaluated to determine the degree of effluent and receiving water mixing for the discharge of 1 MGD. Using the same ambient data and assumptions used in the 1995 Mixing Study and mixing models: Visual plumes UM3, and DOS UM, yielded an acute dilution factor of 9 and a chronic dilution factor of 29. The dilution factors in the existing permit are 10 for acute and 32 for chronic. The changes between the old and new dilution factors are relatively small.

On pages 10 and 13 of the permit, Special Conditions S5 and S6 for Acute and Chronic Toxicity: The ACEC value is proposed to be changed from 10% to 11% effluent, and the CCEC value is proposed to be changed from 3.1% to 3.4% effluent. Based on the new dilution factors of 9 for acute and 29 for chronic, the new ACEC and CCEC were calculated to be 11% and 3.4% effluent, respectively.

On page 19 of the permit, a new section will be added to the permit entitled S12. Unanticipated Discharges: Occasionally, this facility may generate waste water which is not characterized in their permit application because was not anticipated at the time of application. These typically are waters used to pressure test storage tanks for leaks. These are typically clean waste waters but may be contaminated with pollutants. This section S12 of the permit requires characterization of these waste waters for pollutants, and examination of opportunities for reuse prior to discharge. Depending on the nature and extent of pollutants in this waste water and opportunities for reuse, the Department may authorize a direct discharge via the process wastewater outfall or through a stormwater outfall for clean water, require the waste water to be placed through the facilities wastewater treatment process or require the water to be reused.

## **PUBLIC NOTICE**

The changes to this permit are considered to constitute a major modification under 40 CFR 122.62. Consequently, the draft permit modification is required to be published for a 30-day public review and comment period. This modification will be published in the *Seattle Times*. The final modification is contingent upon the outcome of the public review and comment period.